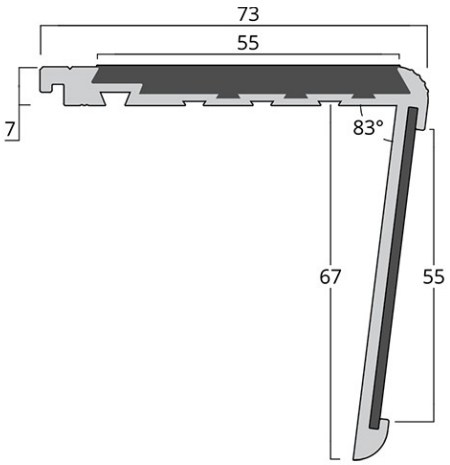
Product Data Sheet– MH5R

Description:

MH5R Comprises of a high tensile strength aluminium extrusion, with our unique CarbiGrip carborundum infill on the tread, which is made up of a resin bound mixture of abrasive grits. The riser consists of a UV Resistant UPVC strip bonded in place. MH5R can be fitted to any sound substrate and is suitable for both internal and external applications. MH5R is part of our modular nosing range and can be combined with our other profiles to create a simple nosing or a full tread cover.

Suitable for use both internally and externally and even the heaviest foot trafficked areas, including public access areas such as Airports, railway stations, sports stadiums, Car parks, Hotels, Schools, Outdoor areas, shopping centres, and heavy industry.

MH5R is available in two finishes of aluminium, standard mill finish or a lightly brushed Satin finish, and can be supplied pre-drilled for fixing upon request (fixings sold separately).

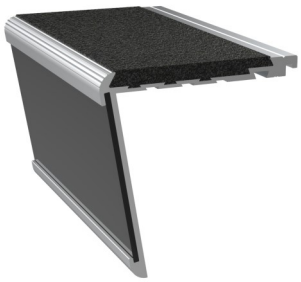


Suitable for use:

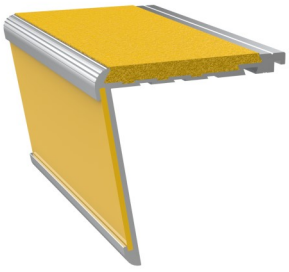
- On all stairs/landing substrates
- For internal and external applications
- In all environments - dry, wet, greasy
- On heavily trafficked steps and stairs
- In all pedestrian areas

Principal features/benefits of use:

- Can be affixed to all sound surfaces
- Highly durable
- Variety of infilling options
- Low maintenance
- Highly slip resistant



MH5R—Obsidian CarbiGrip®



MH5R—Amber CarbiGrip®



For the best results, apply this product with our MT290 adhesive.



This product is covered by our multitread® 10 years warranty.



Samples of this product are available upon request from our sales office.

Product Data Sheet– MH5R

Aluminium Nosing Finishes

Mill finish aluminium refers to the natural surface of the metal as it comes directly. Satin brushed is achieved by using abrasive materials to create a uniform texture. Anodising is an electrochemical process that transforms the surface of an aluminium part into a durable and corrosion-resistant anodic oxide layer.

 Mill - 88.10 LRV

 Satin - 83.27 LRV

carbigrip™ Insert

Carbigrip™ carborundum infill consists of Aluminium Oxide, otherwise known as Corundum, combined with other coloured aggregates set in cured resin. The natural hardness of the aluminium oxide, coupled with its naturally angular shape, creates a slip resistant surface which is extremely durable. - For interior and exterior use

SRV: +90 Dry, +80 Wet (Tested using Pendulum Slip Test)

 Obsidian - 1.74 LRV

 Chalk - 40.18 LRV

 Amber - 31.68 LRV

PVC Riser

UV stabilised PVC. Standard colours: Yellow, White, Black, others available subject to MOQ.

 Black - 3.30 LRV

 White - 92.09 LRV

 Yellow - 50.96 LRV

Product Data Sheet– MH5R

Material - Aluminium profile:
Extruded aluminium alloy (6063) hardened to T6

Material - Inserts:
Carbigrip - a composite of various grits, including Aluminium Oxide, set in a cured epoxy resin.

Material - Riser Inserts:
UV stabilised PVC. Standard colours: Yellow, White, Black, others available subject to MOQ.

Compatible Profiles:
MH5R can be combined with our MHE and/or our MHF nosing profiles to create a nosing or tread cover to meet your requirements, contact us for more details and for help choosing your configuration.

Maximum single length:
2750mm

Dimensions
Gauge: 7mm

Tread: 78.5mm

Nose: 67mm

Slip Resistance:
Assessed against UK Slip Resistance Group guidelines for the potential of slipping for people on a flooring material Tested using the Pendulum /4S method - Result: low potential for slip in dry and wet conditions.

Standard Supply:
Manufactured to bespoke lengths and available Pre-drilled upon request. Standard fixings can also be supplied on request.

Maintenance:
To ensure effective slip-resistance and optimum step edge definition is maintained, remove accumulative dirt and grease from the walking surface at regular intervals. Cleaning should be by gentle scrubbing with a solution of proprietary floor detergent and warm water. The aluminium may be buffed using a fine grade steel work.

Installation:
The application surface must be reasonably sound and level prior to installation. Stainless fixings are recommended for fixing MH5R in all applications. In addition, a bedding mastic/adhesive is recommended to remove any potential for 'rattle'. Where screw fixing is not possible adhesive only fixing is possible. Prepare the adhesive as instructed by the manufacturer, then coat the back of the tread/ nosing and position on to the step. Apply even weights along the piece and leave undisturbed until the adhesive has fully cured

Warranty:
MH5R is warrantied against premature wear for a period of 10 years, subject to terms and conditions. please ask to see our full performance warranty information.

The information contained on this data sheet is current at the time of printing. Due to continuing development in machinery and materials, we reserve the right to modify the formulation without notice. The above information is given as a guide to the uses of multitread® it is the responsibility of the user to ensue the suitability for specific applications. All recommendations statements and technical data contained herein are based on tests we believe to be accurate and reliable, but accuracy and completeness of such tests are not guaranteed and are not to be construed as a warranty, either express or implied. The user shall rely on their own information and tests in determining suitability of the product for the intended use and assumes all risks and liability from their use of the product. Sellers and manufacturers sole responsibility shall be to replace that portion of this manufacture which proves to be defective. Neither seller nor manufacturer shall be liable to the buyer or any third party for any injury, loss or damage directly or indirectly resulting from the use of the product. Recommendations or statements other than contained in a written agreement signed by an officer of the manufacturer shall not be binding upon the manufacturer or seller.